



US005308839A

# United States Patent [19]

Golub et al.

[11] Patent Number: 5,308,839  
[45] Date of Patent: May 3, 1994

- [54] COMPOSITION COMPRISING NON-Steroidal ANTI-INFLAMMATORY AGENT TENIDAP AND EFFECTIVELY NON-ANTIBACTERIAL TETRACYCLINE
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- [21] Appl. No.: 940,540
- [22] Filed: Sep. 4, 1992

## Related U.S. Application Data

- [63] Continuation-in-part of Ser. No. 743,579, Aug. 12, 1991, which is a continuation of Ser. No. 445,410, Dec. 4, 1989, abandoned.
- [51] Int. Cl.<sup>5</sup> ..... A61K 31/65; A61K 31/40
- [52] U.S. Cl. ..... 514/152; 514/414; 514/418; 514/419
- [58] Field of Search ..... 514/438, 439, 414, 152, 514/154, 418, 419

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## ABSTRACT

A method for treating mammals suffering from rheumatoid arthritis, other tissue-destructive conditions, and chronic inflammatory or other conditions associated with excess metalloproteinase activity comprising administering to the mammal an amount of a tetracycline that is effectively anti-metalloproteinase, but that is not effectively antimicrobial, and an amount of a non-steroidal anti-inflammatory agent which, when combined with the effectively anti-metalloproteinase amount of tetracycline, results in a significant reduction of tissue destruction and/or bone loss.

8 Claims, 1 Drawing Sheet